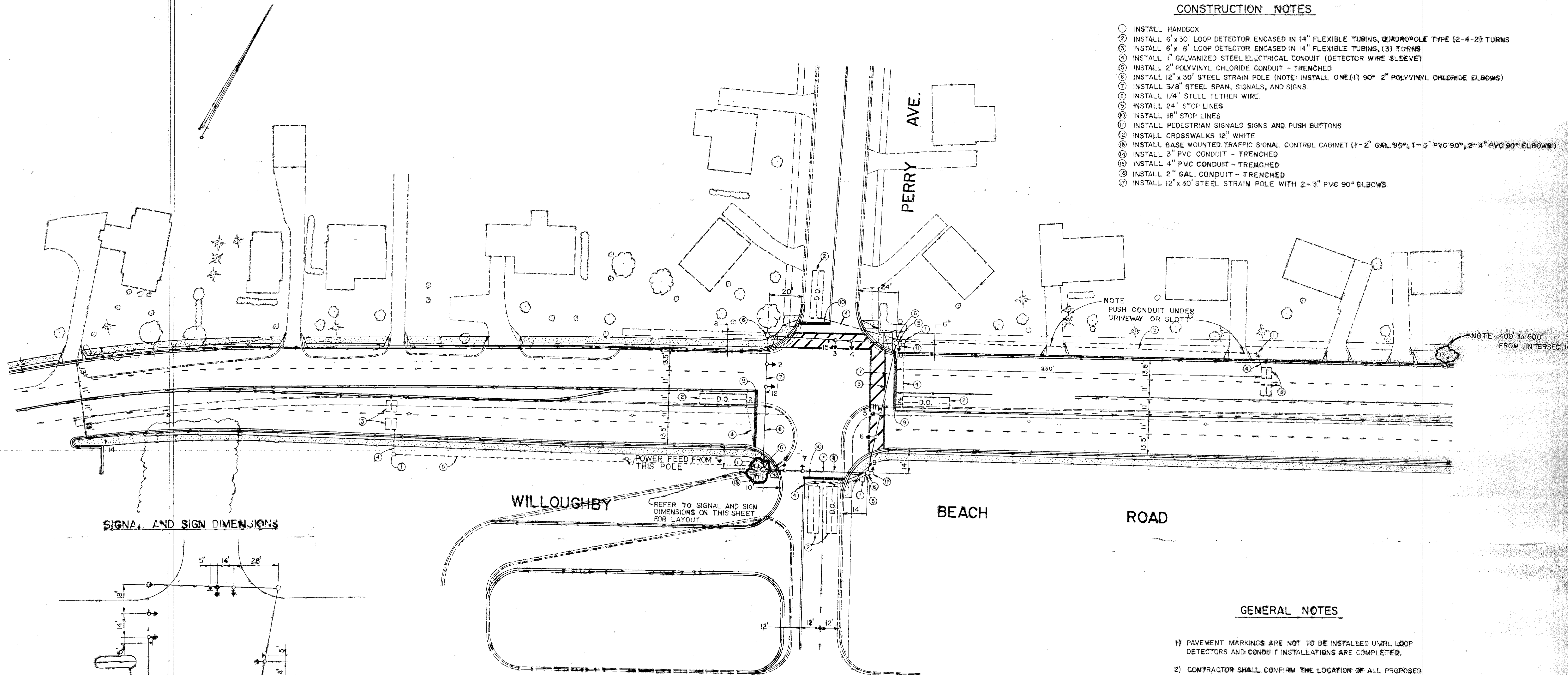
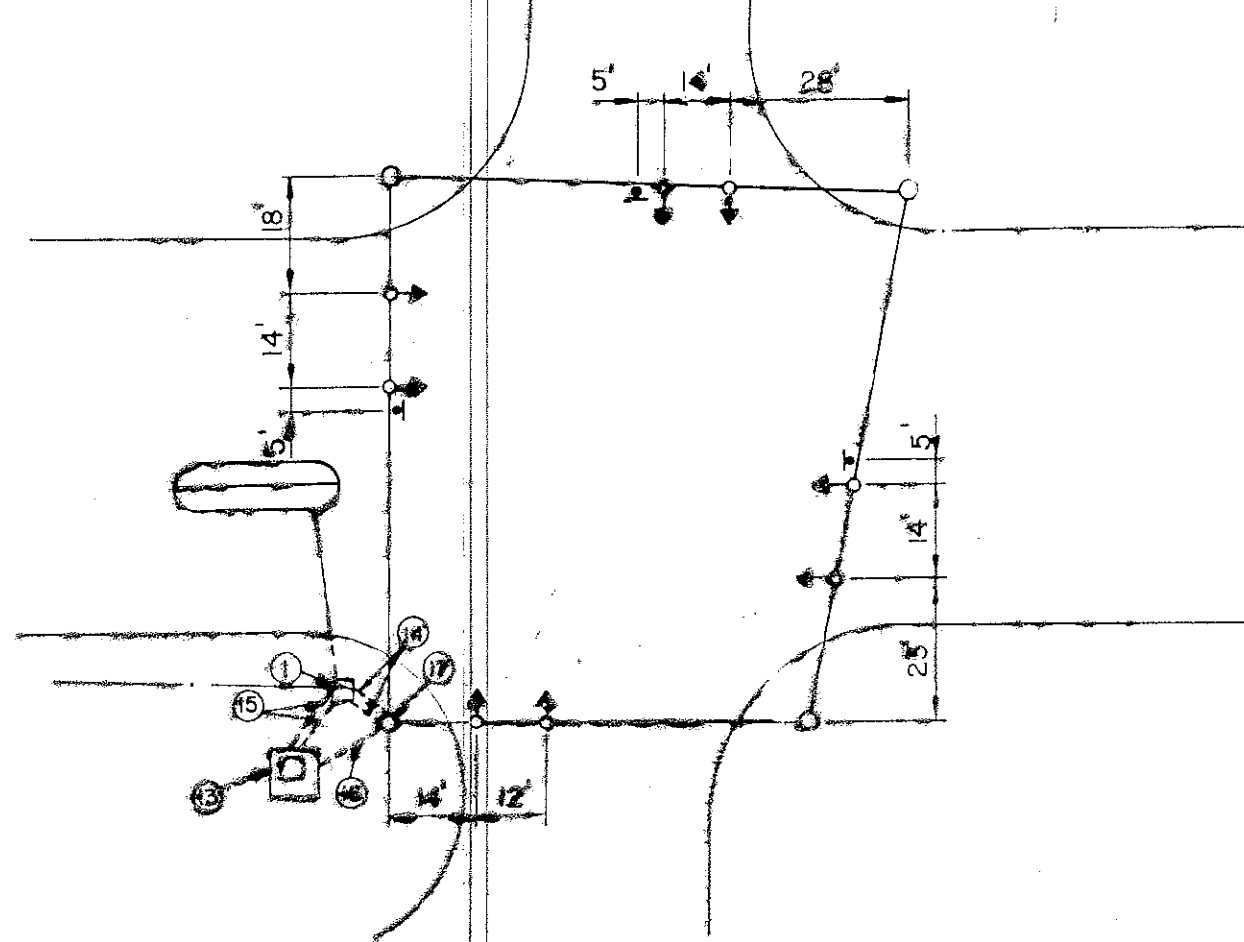


# CONSTRUCTION NOTES

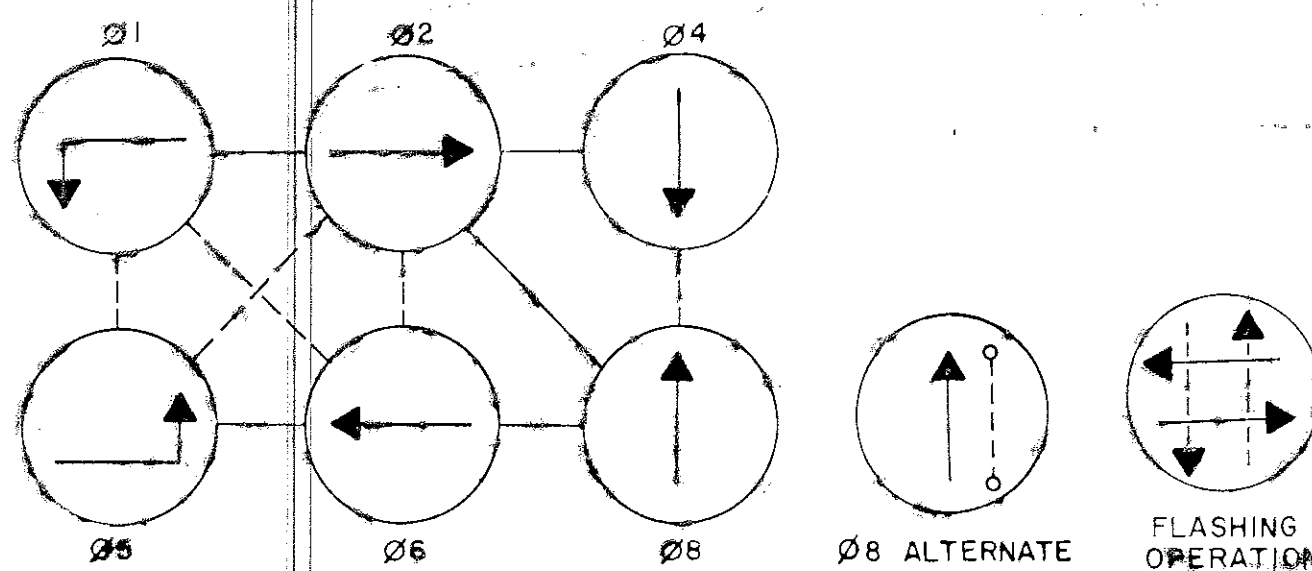
- ① INSTALL HANDBOX
- ② INSTALL 6' x 30' LOOP DETECTOR ENCASED IN 14" FLEXIBLE TUBING, QUADROPOLE TYPE (2-4-2) TURNS
- ③ INSTALL 6' x 6' LOOP DETECTOR ENCASED IN 14" FLEXIBLE TUBING, (3) TURNS
- ④ INSTALL 1" GALVANIZED STEEL ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE)
- ⑤ INSTALL 2" POLYVINYL CHLORIDE CONDUIT - TRENCHED
- ⑥ INSTALL 12' x 30' STEEL STRAIN POLE (NOTE: INSTALL ONE (1) 90° 2" POLYVINYL CHLORIDE ELBOWS)
- ⑦ INSTALL 3/8" STEEL SPAN, SIGNALS, AND SIGNS
- ⑧ INSTALL 1/4" STEEL TETHER WIRE
- ⑨ INSTALL 24" STOP LINES
- ⑩ INSTALL 18" STOP LINES
- ⑪ INSTALL PEDESTRIAN SIGNALS SIGNS AND PUSH BUTTONS
- ⑫ INSTALL CROSSWALKS 12" WHITE
- ⑬ INSTALL BASE MOUNTED TRAFFIC SIGNAL CONTROL CABINET (1-2" GAL. 90°, 1-3" PVC 90°, 2-4" PVC 90° ELBOWS)
- ⑭ INSTALL 3" PVC CONDUIT - TRENCHED
- ⑮ INSTALL 4" PVC CONDUIT - TRENCHED
- ⑯ INSTALL 2" GAL. CONDUIT - TRENCHED
- ⑰ INSTALL 12' x 30' STEEL STRAIN POLE WITH 2-3" PVC 90° ELBOWS



## SIGNAL AND SIGN DIMENSIONS



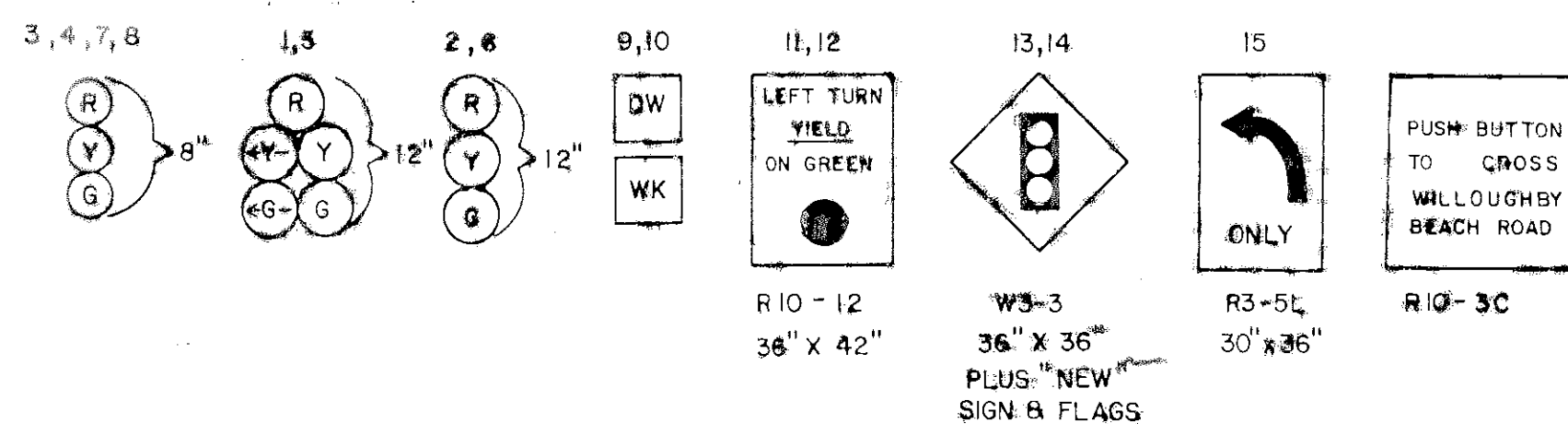
## NEMA PHASING



## NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

## PROPOSED SIGNALS & SIGNS



## GENERAL NOTES

- 1) PAVEMENT MARKINGS ARE NOT TO BE INSTALLED UNTIL LOOP DETECTORS AND CONDUIT INSTALLATIONS ARE COMPLETED.
- 2) CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING THE SIGNAL EQUIPMENT.

## LEGEND

- PROPOSED LOOP DETECTOR
- D.O. PROPOSED DELAYED OUTPUT LOOP DETECTOR
- PROPOSED HANDBOX
- PROPOSED CROSS-WALK SIGNAL
- PROPOSED TRAFFIC SIGNAL
- PROPOSED CONDUIT
- PROPOSED SIGN
- PROPOSED BASE MOUNTED SIGNAL CONTROL CABINET

Revisions		HARFORD COUNTY, MARYLAND	
		TRAFFIC SIGNAL & PAVEMENT MARKINGS	
		WILLOUGHBY BEACH RD. AND PERRY AVE	
Drawn By:	T.R.C.	SHA No.:	93-85/86
Designed By:	J.M.S.	Contract No.:	93-85/86
Checked By:	4/1/84	Scale:	1" = 30'
		Sheet:	19 Of 24
		TS-	3429